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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael J. Imperiale

Art Unit : 1633

Serial No. : 09/488,867

Examiner : B. Whiteman

Filed : January 21, 2000

Title : NOVEL REPLICATION DEFICIENT ADENOVIRUS VECTORS AND METHODS FOR MAKING AND USING THEM

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APR 05 2002

Commissioner for Patents  
Washington, D.C. 20231

TECH CENTER 1600/2900

RESPONSE

In response to the action mailed November 27, 2002, the time for responding having been extended to March 27, 2002, by the accompanying petition and fee under Rule 1.136, please amend the application as follows:

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In the claims:

Please amend claims 1, 3, 4, 6-10, 12, 13, 15-20, 23-25 and 27-35 as follows:

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--1. (Amended) A vector system for selectively packaging a replication defective adenovirus nucleic acid sequence in an adenovirus capsid, the vector system comprising:

(a) a helper-dependent adenovirus nucleic acid sequence comprising:

- (i) 5' and 3' adenovirus inverted terminal repeats (ITRs);
- (ii) an adenovirus serotype-specific cis-acting packaging sequence; and
- (iii) a heterologous nucleic acid;

(b) a helper adenovirus nucleic acid sequence comprising:

- (i) 5' and 3' adenovirus ITRs;
- (ii) an adenovirus serotype-specific cis-acting packaging sequence,

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

04/03/2002 CNGUYEN 00000013 09488867

01 FC:203 27.00 OP  
02 FC:202 126.00 OP  
03 FC:215 55.00 OP

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202.

Date of Deposit

March 27, 2002

Signature

Lucille M. Begalle

Typed or Printed Name of Person Signing Certificate

Lucille M. Begalle